

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:00 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 1114 Const Calendar Day: 687 Date: 22-Apr-2014 Tuesday

Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather****Temperature 7 AM****12 PM****4PM****Precipitation****Condition** mostly clear, some clouds, windyWorking Day ☒ If no, explain:**Diary:**

Dispute

General Comments

CCO 314, SAMPLING AND TESTING A354 GRADE BD MATERIAL:



Note that there were rain showers overnight in the SF Bay Area, but there is no collection of water at the Test Rig work site despite the intentionally plugged DI per the approved SWPPP.

ABF Engineer Kelvin Chen is working part time in the field and office on CCO 314.

Crews at the Pier 7 warehouse area are working an 8-hour shift 0700 through 1530 today. Ironworkers CJ Biskner (foreman) and Jared Garrett all day at the test rigs on partial teardown of TR's 12 and 13. They are assisted by 3 operators at various times (John Sabatino ~0800~1430, Jeff Keller ~0800~1430, Ryan Oku ~0800~1200), who work at other times in the morning and afternoon on non-CCO 314 operations elsewhere at the Pier 7 warehouse area. Portions of the shift not spent at the CCO 314 test rigs are not covered in this diary. ABF Ironworker Donald Plumb, Ironworker Charles (Rand) Clayborn, and Laborer Carlos (Pedro) Garcia work all day at the test rigs on CCO 314 for the modification of TR's 1-4 to TR's 14-17.

ABF continues work modifying TR's 1-4 to TR's 14-17 with Ironworkers Donald Plumb and Charles (Rand) Clayborn. Don starts the day by continuing to work at the TR 3 (convert to TR 16) north end on the fitup of the new doubler plate. Later in the day, Rand welds the new doubler plate at the TR 3 (convert to TR 16) north end. Rand starts the day continuing work at TR 2 (convert to TR 15) north and south ends, where yesterday he removed the existing doubler plates and today he grinds the remains of the welds from those doubler plates and also grinds the existing welds at the top of the test rig in the footprint of the new doubler plates so that those new doubler plates will sit flat. Then after the grinding work at TR 2 (convert to TR 15) is complete, Don begins fitup at the north end, including drilling holes and cutting the handholes. Then, at about 1330, Rand begins welding at the TR 2 (convert to TR 15) north doubler plate with this welding completed by the end of the shift. Meanwhile, Don begins fitup at the TR 2 (convert to TR 15) north end, including drilling holes and cutting the handholes. By the end of the shift, handholes are cut in 4 of 8 locations and welding is complete at 3 of 8 locations. Note that some of the handholes are cut only and have a rough cut surface that still needs some grinding.

Laborer Carlos (Pedro) Garcia spends most of the day cleaning jacking rods. Previously cleaned and MT inspected are 4 previously used jacking rods. Today, he continues work on the 4 spare rods from TR's 1-4 that do not require MT. He uses power tools (wire wheel) and MEK to clean the rods. He completes work on 2 of the 4 rods today. He also gets about half done on the third rod. He also spends part of the day doing miscellaneous cleanup around the test rig site, including assisting with the dismantling of the VGO wire run at TR's 12 & 13 where the ABF ironworkers are removing sandbags, crane mats, etc.



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CT-METS Scott Croff and Elijah Turner are present ~0800~1000 at TR's 12 & 13 to remove the AE wire runs in the area of ABF's removal work.

Ironworkers CJ Biskner (foreman) and Jared Garrett along with part time help from operators John Sabatino, Jeff Keller, and Ryan Oku, work at TR's 12 and 13 for the teardown of these TR's with completed tests. They bring 2 skip boxes for damaged sandbags, stack intact sandbags on pallets, dismantle the VGO wire run (including 12x12's that elevated the wire run), remove 12x12's that elevated k-rail, and remove crane mats that elevated k-rail. By noon, all sandbags, 12x12's, and crane mats are removed. Also in the morning, they remove the portions of VGO's wire runs and the SWPPP containments on the concrete slabs at the TR's (not just TR's 12 & 13, but also TR's 6-9). The TR 13 coupler is also removed in the morning. In the afternoon, they dismantle TR 13 – jacking beam, jacks, jacking rod, guide angles. Then they repeat this at TR 12. Then there is other cleanup at TR's 5-9 and TR's 12&13, including removing the other guide angles. Demob at these test rigs is essentially complete by the end of the shift.

A 7kW generator – Whisperwatt 7000 – ABF ID 002343 is used by the laborer for power tools for prep work on jacking rods. A 40kW generator – MQ Power 40 – ABF ID 002051 is on idle/standby at the test rig work area. A Hydraulic Pump for running the jacks is on idle/standby at the test rig work area. An oxyacetylene torch is used at the test rig work area. A compressor – IR P185 ABF ID 000002 is used at the test rig work area. A welding machine – Lincoln Vantage 500 ABF ID 000074 is used at the test rig work area. A second welding machine – Lincoln Vantage 500 ABF ID 002082 is used at the test rig work area. An extendable forklift, Hyster 155 forklift, Hyster 120 forklift, and a small forklift (CAT) are used at the test rig work area at various times. A Kubota Cart is used by the laborer and ironworkers working on the modifications to the test rigs.

Note that there is k-rail at this work area. Some of the k-rail is rented and addressed by the rental agreement. Some of the k-rail is ABF's k-rail used on site and paid as rented from ABF on a daily basis. To elevate the k-rail, crane mats and timber blocking (12x12's) are in use. The k-rail quantities are as follows:

10' bought k-rail = 20 pieces

10' ABF k-rail = 6 pieces

20' rented k-rail = 10 pieces

20' ABF k-rail = 11 pieces

Note that this includes three 20' ABF k-rail between the CCO 314 work area and FW Spencer's yard, with that k-rail being in place prior to the CCO work and not related to CCO 314. Also a fourth 20' ABF k-rail is between the CCO 314 work area and FW Spencer's yard along the fence line near the BayView Trailer. Seven of the ABF 20' k-rail are in TR's 1-4.

The agreed extra work with ABF is as follows:

Ironworker Donald Plumb - 8 hrs

Ironworker Charles (Rand) Clayborn - 8 hrs

Laborer Carlos (Pedro) Garcia - 8 hrs

Ironworker foreman CJ Biskner - 8 hrs

Ironworker Jared Garrett - 8 hrs

Operator John Sabatino - 6 hrs

Operator Jeff Keller - 6 hrs

Operator Ryan Oku - 4 hrs

Extendable Forklift - 8 hr

Hyster 80 Forklift - 4 hr

Hyster 120 Forklift - 6 hr

Hyster 155 Forklift - 6 hr

185 CFM Compressor - 8 hr

Vantage 500 Welder (2 each) - 16 hrs

7kW Generator - 8 hrs

Kubota Cart - 8 hrs



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k-rail: 6 pcs @20' and 4 pcs @10'

Crane Mats (12x12 - 5'x16') - 2 pcs

Crane Mats (12x12 - 5'x7') - 8 pcs

See the attached Extra Work Order - Signed with ABF for CCO 314 work